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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER 634-5131

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 25, 1963

POLIOMYELITIS – Reported this week was but one case of paralytic poliomyelitis. It is notable that both total and paralytic cases thus far reported during 1963 represent less than half the number recorded during a comparable period in 1962. Of the 47 paralytic cases this year, 11 are from Louisiana, but, of these 11, nine represent delayed reports of cases with onsets in 1962

POLIOMYELITIS (CUMULATED WEEKLY) THROUGH 21ST WEEK

	1963	1962	1961	1960	1959
Paralytic Cases	47	95	113	225	370
Total Cases	53	130	169	312	530
Annual Total		902*	1312	3190	8425

*Provisional

SALMONELLA DERBY EPIDEMIC – The interstate hospital-associated outbreak of *Salmonella derby* infections (See MMWR, Vol. 12, pages 159, 167) on further appraisal appears to have some significant, although as yet undefined, community component. As of May 29, a total of 23 different hospitals in 8 States involving 12 separate communities have reported 121 cases. There are, in addition 40 cases in 11 States and the District of Columbia, which clearly are not hospital-acquired and an additional 67 cases under investigation. All epidemiological evidence strongly suggests a common-source epidemic pattern. Intensive investigation by State, local and Federal officials is continuing but the source is still obscure.

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A summary of *S. derby* isolates from symptomatic

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

Disease	21st Week			Cumulative		
	Ended May 25, 1963	Ended May 26, 1962	Median 1958 - 1962	First 21 weeks 1963	1962	Median 1958 - 1962
Aseptic meningitis	20	20	---	463	395	---
Brucellosis	6	10	10	136	158	293
Diphtheria	2	4	11	111	194	297
Encephalitis, infectious	34	52	35	600	616	600
Hepatitis, infectious and serum	747	1,129	773	20,330	27,395	16,286
Measles	15,956	19,652	18,515	279,431	353,585	300,747
Meningococcal infections	50	46	39	1,223	1,030	1,138
Poliomyelitis, total	1	7	13	53	130	312
Paralytic	1	3	10	47	95	225
Nonparalytic	-	4	2	2	19	54
Unspecified	-	-	1	4	16	33
Streptococcal sore throat and Scarlet fever	6,161	6,460	---	190,085	173,703	---
Tetanus	6	9	---	81	69	---
Tularemia	8	5	---	80	97	---
Typhoid fever	10	21	14	146	180	218
Typhus fever, tick-borne, (Rocky Mountain spotted)	6	3	---	18	22	---
Rabies in Animals	77	66	74	1,664	1,789	1,720

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Psittacosis: Ga.-2	27
Botulism:	5	Rabies in Man:	-
Malaria:	39	Smallpox:	-
Plague:	-	Typhus, murine:	3

primary cases, by hospital, is shown in Table 1. Most of the involved hospitals are, thus far, in the Northeastern States; dates of onset of confirmed cases range from March 10 through May 26. Since March 1, 23 States and the District of Columbia have reported one or more isolates of *S. derby*. Since a continuing low frequency of occurrence of *S. derby* isolates has been observed during recent years, it is doubtful that all of these are related to the current outbreak although detailed appraisal of each is being sought.

TABLE 1
SUMMARY OF SALMONELLA DERBY ILLNESSES BY HOSPITALS
(Primary Cases)

Hospital	Confirmed Cases	Under Investigation	Dates of Onset (Confirmed Cases)
New York			
1	6	0	3/10 - 3/29
2	4	0	4/20 - 5/16
3	6	0	4/14 - 5/2
4	2	0	3/25 - 4/2
5	7	4	3/10 - 5/10
6	7	0	4/21 - 5/15
7	2	0	4/7 - 4/26
New Jersey			
1	1	1	4/13
2	4	0	5/5 - 5/19
3	1	0	5/16
Indiana			
1	1	0	4/10
Pennsylvania			
1	12	1	4/11 - 5/1
2	5	21	4/16 - 4/21
3	3	0	5/7 - 5/23
4	21	0	3/3 - 4/22
5	2	0	5/9 - 5/15
6	0	1	–
7	2	0	5/26
Connecticut			
1	1	0	5/2
Delaware			
1	1	1	4/23
Ohio			
1	1	0	5/8
2	1	0	5/6
Rhode Island			
1	2	0	4/23 - 5/1
Totals	92	29	

TABLE 2
SALMONELLA DERBY ISOLATIONS BY STATE (Since March 1)

State	Hospital-Associated Isolates	Not Hospital-Associated	Under Investigation
Ala.		1	
Calif.		9	
Conn.	1		
Del.	1		1
Ga.		1	1
Ill.		1	
Ind.	1		
Md.			1
Moss.		5	4
Mich.		2	1
Minn.		1	
Ma.		1	
N. J.	6		1
N. Y.	34	3	7
N. C.		3	
Penna.	101	12	26
Ohio	2		4
R. I.	2		1
Texas			1
Va.			1
Wash.			3
D. C.		1	2
Wisc.			1
Hawaii			12
Total	148	40	67

INTERNATIONAL NOTES –

Smallpox – Stockholm

Four additional cases of smallpox have been identified in Stockholm with onsets of illness since May 18. All four presumably acquired their disease as a result of hospital contact.

The outbreak (See MMWR, Vol. 12, page 172) now totals 16 cases, with three generations of transmission following the importation of smallpox by a seaman who presumably acquired his disease in transit through Southeast Asia. Information on cases to date received from Dr. Bo Zetterberg, Chief, Epidemiology Division, State Bacteriology Laboratory, Stockholm, is summarized in the table below:

SMALLPOX – STOCKHOLM
SUMMARY OF CURRENT INFORMATION ON CASES

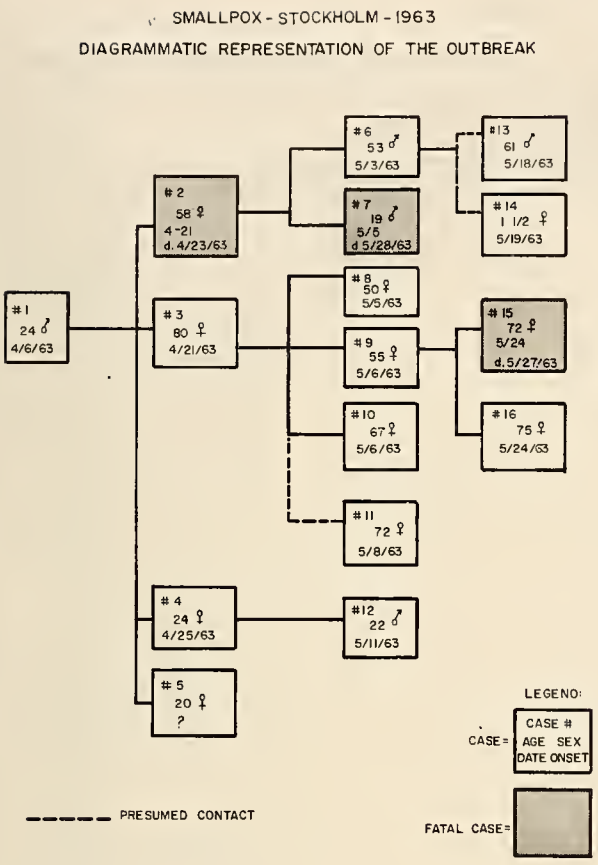
Case No.	Age	Sex	Date of Onset	Presumed Source of Infection	Last Vaccination	Comment
1	24	M	April 6	Southeast Asia	1959	Modified illness
2	58	F	April 18	Case #1	Childhood	Died April 23
3	80	F	April 21	Case #1	Childhood	
4	24	F	April 25	Case #1	1943	Modified illness
5	20	F	Not known	Case #1	1950	No rash (Lab diagnosis)
6	53	M	May 3	Case #2	1920	Husband of Case #1
*7	19	M	May 5	Case #2	Never	Died May 28
8	50	F	May 5	Case #3	Childhood	Home Nurse of Case #3
9	55	F	May 5	Case #3	1916	Home Nurse of Case #3
10	67	F	May 6 or 8	Case #3	1918	
11	72	F	May 8	Case #3	1915	No known direct contact
12	22	M	May 11	Case #4	1961	Laboratory diagnosis only
13	61	M	May 18	Case #3 or 6	1949**	Hospital acquired
14	1½	F	May 19	? Case #6	Never**	Hospital acquired
15	72	F	May 24	Case #9	Childhood**	Hospital acquired – Died May 27
16	75	F	? May 24	Case #9	Childhood**	Hospital acquired

*First identified case.
**Revaccinated within 8 days of onset.

The pattern of spread of the illness is presented diagrammatically in the accompanying figure.

The first case to be identified occurred in an unvaccinated 19-year-old bricklayer (Case 7) who had onset of fever, vomiting, and backache on May 5. He was hospitalized three days later and subsequently developed an extensive maculo-papular rash which became pustular by May 12. Smallpox was suspected and confirmed the following day by the laboratory.

Immediate epidemiologic investigation revealed that an aunt of the bricklayer (Case 2) had developed on April 18 an acute febrile illness, manifest by hemorrhagic skin lesions, and had died shortly after admission to the hospital on April 23. Ten other cases of smallpox were identified May 14-16.



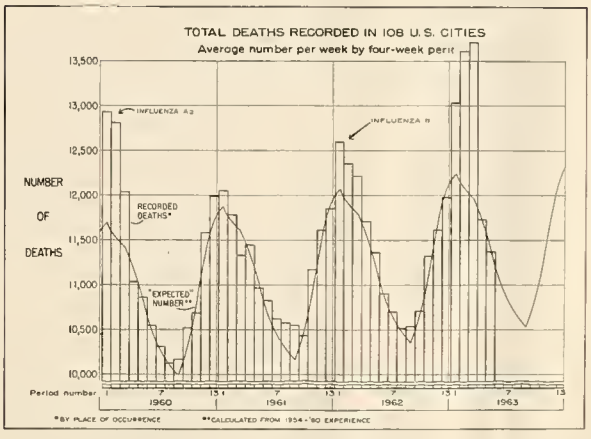
The original source of the outbreak was a 24-year-old seaman who after two weeks residence in Australia left Darwin on March 22 on BOAC Flight #709. In-transit stops of not more than 50 minutes each were made in Djakarta, Singapore, Rangoon, Calcutta, Karachi, Teheran, and Damascus enroute to Zurich. At Zurich, the seaman deplaned and the following day boarded Swissair Flight #250, reaching Stockholm March 24. He apparently acquired his disease as a result of in-transit exposure either at a terminal or on the plane. On April 6, 15 days after the flight, he developed a moderate fever and mild rash and remained in the home of his grandmother (Case 3) throughout his illness. Cases 2, 3, 4, and 5 all had contact with him in the grandmother's home during the course of his illness. On April 21, the grandmother fell ill, subsequently exposing three women (Cases 8-10) who visited the home to provide nursing care to the elderly woman prior to her hospitalization on May 27. She was originally diagnosed as having chickenpox and recovered uneventfully. Another resident of the building (Case 11) who lived two stories above the grandmother, developed smallpox but denied acquaintance or contact with the grandmother.

Case 2, the first fatality, apparently acquired the illness from the seaman during a visit to the grandmother's apartment and subsequently transmitted it to her husband (Case 6) and her nephew (Case 7) the first identified case.

(Continued on page 176)

TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending May 25 was 11,369 as compared with an expected weekly average of 11,375.



	WEEK ENDING				4 Week Total	Weekly Average
	5/4	5/11	5/18	5/25		
Observed	11,769	11,416	11,196	11,093	45,474	11,369
Expected	11,504	11,417	11,331	11,247	45,499	11,375
Excess	265	- 1	-135	-154	- 25	- 6

(See table page 175)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

MAY 25, 1963 AND MAY 26, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	21st week		Cumulative First 21 weeks		21st week		Cumulative First 21 weeks		21st week		21st week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES.....	1	7	53	130	1	3	47	95	-	4	20	20
NEW ENGLAND.....	-	-	-	1	-	-	-	1	-	-	-	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC.....	-	-	6	30	-	-	6	17	-	-	3	1
New York.....	-	-	4	30	-	-	4	17	-	-	-	1
New Jersey.....	-	-	1	-	-	-	1	-	-	-	-	-
Pennsylvania	-	-	1	-	-	-	1	-	-	-	3	-
EAST NORTH CENTRAL.....	-	-	14	10	-	-	11	6	-	-	2	1
Ohio.....	-	-	4	4	-	-	3	4	-	-	-	-
Indiana.....	-	-	1	3	-	-	-	2	-	-	-	-
Illinois.....	-	-	6	2	-	-	5	-	-	-	-	1
Michigan.....	-	-	2	-	-	-	2	-	-	-	2	-
Wisconsin.....	-	-	1	1	-	-	1	-	-	-	-	-
WEST NORTH CENTRAL.....	-	-	2	7	-	-	2	4	-	-	-	-
Minnesota.....	-	-	1	1	-	-	1	1	-	-	-	-
Iowa.....	-	-	-	3	-	-	-	2	-	-	-	-
Missouri.....	-	-	1	3	-	-	1	1	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	-	-	6	11	-	-	5	9	-	-	-	4
Delaware.....	-	-	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia..	-	-	-	1	-	-	-	-	-	-	-	-
Virginia.....	-	-	1	2	-	-	1	2	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina.....	-	-	2	2	-	-	2	2	-	-	-	-
South Carolina.....	-	-	-	-	-	-	-	-	-	-	-	-
Georgia.....	-	-	1	2	-	-	-	2	-	-	-	-
Florida.....	-	-	2	4	-	-	2	3	-	-	-	4
EAST SOUTH CENTRAL.....	-	1	3	4	-	-	2	2	-	1	5	1
Kentucky.....	-	-	-	1	-	-	-	1	-	-	-	1
Tennessee.....	-	1	1	2	-	-	1	-	-	1	1	-
Alabama.....	-	-	2	1	-	-	1	1	-	-	-	-
Mississippi.....	-	-	-	-	-	-	-	-	-	-	4	-
WEST SOUTH CENTRAL.....	1	4	13	44	1	1	13	37	-	3	3	1
Arkansas.....	-	-	-	1	-	-	-	1	-	-	-	-
Louisiana.....	1	-	11	5	1	-	11	5	-	-	-	-
Oklahoma.....	-	1	-	1	-	-	-	-	-	1	1	-
Texas.....	-	3	2	37	-	1	2	31	-	2	2	1
MOUNTAIN.....	-	1	-	7	-	1	-	6	-	-	-	-
Montana.....	-	-	-	2	-	-	-	1	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	1	-	1	-	1	-	1	-	-	-	-
Colorado.....	-	-	-	-	-	-	-	-	-	-	-	-
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	-	-	3	-	-	-	3	-	-	-	-
Utah.....	-	-	-	1	-	-	-	1	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	-	1	9	16	-	1	8	13	-	-	7	12
Washington.....	-	-	-	-	-	-	-	-	-	-	-	1
Oregon.....	-	-	1	1	-	-	1	1	-	-	-	-
California.....	-	1	8	15	-	1	7	12	-	-	7	11
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	1	-	3	5	1	-	3	5	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED MAY 25, 1963 AND MAY 26, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
							21st week					
	21st week	Cumulative 21 weeks	21st week	Cumulative 21 weeks	21st week		Under 20 yr.	20 & over	Total		21st week	
	1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962
UNITED STATES	6	136	2	111	34	52	392	305	747	1,129	15,956	19,652
NEW ENGLAND	-	-	-	4	-	1	31	19	51	61	607	2,439
Maine	-	-	-	-	-	-	17	7	24	13	24	249
New Hampshire	-	-	-	-	-	-	1	1	2	1	-	11
Vermont	-	-	-	-	-	-	1	-	1	-	69	146
Massachusetts	-	-	-	2	-	-	7	8	16	28	257	991
Rhode Island	-	-	-	2	-	1	-	-	-	3	73	143
Connecticut	-	-	-	-	-	-	5	3	8	16	184	899
MIDDLE ATLANTIC	-	4	-	19	8	11	75	64	139	158	2,016	3,584
New York	-	3	-	13	4	8	48	39	87	92	798	2,151
New Jersey	-	-	-	1	-	-	6	6	12	31	578	1,166
Pennsylvania	-	1	-	5	4	3	21	19	40	35	640	267
EAST NORTH CENTRAL	-	10	-	11	2	1	75	44	124	208	6,500	4,168
Ohio	-	-	-	1	-	-	17	10	28	46	555	843
Indiana	-	1	-	3	-	-	6	5	12	25	264	496
Illinois	-	8	-	3	-	-	14	12	27	54	474	676
Michigan	-	1	-	3	2	1	36	15	53	76	2,939	1,642
Wisconsin	-	-	-	1	-	-	2	2	4	7	2,268	511
WEST NORTH CENTRAL	3	98	-	31	1	17	24	14	42	105	653	435
Minnesota	-	7	-	15	1	-	2	1	3	23	88	82
Iowa	2	71	-	1	-	16	-	2	2	40	178	185
Missouri	-	4	-	1	-	-	9	11	23	20	296	19
North Dakota	-	-	-	1	-	-	6	-	6	3	84	101
South Dakota	1	5	-	9	-	1	4	-	4	1	3	45
Nebraska	-	5	-	4	-	-	-	-	1	4	4	3
Kansas	-	6	-	-	-	-	3	-	3	14	NN	NN
SOUTH ATLANTIC	-	2	1	21	3	5	46	26	75	148	1,911	1,136
Delaware	-	-	-	-	-	-	-	1	1	-	62	20
Maryland	-	-	-	-	1	1	7	11	18	11	85	176
District of Columbia	-	-	-	-	-	-	-	1	1	3	6	2
Virginia	-	-	-	-	-	2	3	4	8	24	633	287
West Virginia	-	-	-	1	1	-	13	4	19	17	908	408
North Carolina	-	1	-	1	-	2	15	2	17	60	75	30
South Carolina	-	-	-	4	-	-	2	-	2	7	51	25
Georgia	-	-	1	7	-	-	2	1	3	5	-	37
Florida	-	1	-	8	1	-	4	2	6	21	91	151
EAST SOUTH CENTRAL	1	4	-	9	-	-	53	32	85	151	932	1,667
Kentucky	-	-	-	-	-	-	11	6	17	105	501	602
Tennessee	1	3	-	2	-	-	26	14	40	32	360	957
Alabama	-	1	-	7	-	-	7	4	11	9	44	60
Mississippi	-	-	-	-	-	-	9	8	17	5	27	48
WEST SOUTH CENTRAL	-	9	-	13	1	3	18	22	43	79	632	2,218
Arkansas	-	3	-	1	1	1	1	2	3	5	40	50
Louisiana	-	-	-	2	-	-	3	2	5	13	-	3
Oklahoma	-	2	-	5	-	-	-	1	1	6	9	80
Texas	-	4	-	5	-	2	14	17	34	55	583	2,085
MOUNTAIN	-	3	-	1	3	2	4	5	42	82	1,302	1,475
Montana	-	-	-	-	-	-	-	1	1	3	74	348
Idaho	-	-	-	-	-	-	-	-	9	8	172	35
Wyoming	-	1	-	-	-	1	-	1	1	1	81	-
Colorado	-	-	-	-	-	-	1	-	14	11	244	511
New Mexico	-	-	-	1	-	-	-	-	3	4	NN	NN
Arizona	-	1	-	-	-	-	-	-	8	53	613	378
Utah	-	1	-	-	3	1	3	3	6	2	114	200
Nevada	-	-	-	-	-	-	-	-	-	-	4	3
PACIFIC	2	6	1	2	16	12	66	79	146	137	1,403	2,530
Washington	-	-	-	-	1	1	10	13	24	23	159	798
Oregon	1	2	-	-	-	-	8	10	18	21	169	613
California	-	3	1	2	15	11	48	56	104	89	989	1,011
Alaska	-	-	-	-	-	-	-	-	-	3	10	6
Hawaii	1	1	-	-	-	-	-	-	-	1	76	102
Puerto Rico	-	-	-	9	-	-	11	5	16	26	10	183

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MAY 25, 1963 AND MAY 26, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	21st wk.	Cumulative 21 weeks	21st week		21st wk.	21st wk.	21st wk.	21st wk.	Cumulative 21 weeks	21st week		Cumulative 21 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES....	50	1,223	6,161	6,460	6	6	8	10	146	77	66	1,664
NEW ENGLAND.....	2	79	873	603	-	-	-	-	6	-	-	17
Maine.....	1	13	11	169	-	-	-	-	-	-	-	1
New Hampshire.....	-	2	3	2	-	-	-	-	-	-	-	12
Vermont.....	-	2	12	12	-	-	-	-	1	-	-	4
Massachusetts.....	-	37	122	79	-	-	-	-	4	-	-	-
Rhode Island.....	-	7	61	28	-	-	-	-	-	-	-	-
Connecticut.....	1	18	664	313	-	-	-	-	1	-	-	-
MIDDLE ATLANTIC.....	3	173	431	341	1	1	-	1	18	2	-	44
New York.....	-	75	286	190	-	-	-	1	14	2	-	33
New Jersey.....	-	25	93	75	-	-	-	-	1	-	-	-
Pennsylvania.....	3	73	52	76	1	1	-	-	3	-	-	11
EAST NORTH CENTRAL..	11	199	697	627	-	-	-	1	8	13	22	253
Ohio.....	3	57	83	70	-	-	-	-	2	7	13	151
Indiana.....	-	24	69	69	-	-	-	-	1	2	7	26
Illinois.....	1	26	104	115	-	-	-	1	3	3	1	36
Michigan.....	5	66	270	223	-	-	-	-	1	-	1	26
Wisconsin.....	2	26	171	150	-	-	-	-	1	1	-	14
WEST NORTH CENTRAL..	1	72	145	170	-	1	2	1	9	21	12	382
Minnesota.....	1	13	16	16	-	-	-	-	3	8	1	102
Iowa.....	-	4	39	32	-	-	-	-	1	4	6	137
Missouri.....	-	26	8	7	-	1	2	1	5	4	2	70
North Dakota.....	-	3	68	65	-	-	-	-	-	1	3	11
South Dakota.....	-	4	4	-	-	-	-	-	-	3	-	49
Nebraska.....	-	17	-	-	-	-	-	-	-	1	-	5
Kansas.....	-	5	10	50	-	-	-	-	-	-	-	8
SOUTH ATLANTIC.....	7	221	460	516	-	2	1	-	30	12	6	276
Delaware.....	-	1	-	9	-	-	-	-	1	-	-	-
Maryland.....	-	33	36	21	-	-	-	-	3	-	-	-
Dist. of Columbia..	-	4	-	1	-	-	-	-	-	-	-	-
Virginia.....	2	54	213	151	-	1	-	-	4	4	3	100
West Virginia.....	1	13	82	150	-	-	-	-	5	1	3	82
North Carolina.....	1	38	8	64	-	-	-	-	3	-	-	4
South Carolina.....	-	13	33	36	-	-	-	-	2	-	-	6
Georgia.....	1	12	3	5	-	1	1	-	2	3	-	33
Florida.....	2	53	85	79	-	-	-	-	10	4	-	51
EAST SOUTH CENTRAL..	7	99	882	923	2	2	-	1	13	3	5	137
Kentucky.....	1	21	78	77	-	1	-	-	1	2	1	67
Tennessee.....	4	45	725	731	-	-	-	1	8	1	4	58
Alabama.....	2	17	15	2	2	1	-	-	4	-	-	12
Mississippi.....	-	16	64	113	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	6	130	680	547	2	-	5	3	26	22	15	353
Arkansas.....	-	8	1	-	-	-	3	3	12	2	-	22
Louisiana.....	4	53	3	3	1	-	1	-	5	2	-	34
Oklahoma.....	-	26	15	12	-	-	1	-	2	2	2	31
Texas.....	2	43	661	532	1	-	-	-	7	16	13	266
MOUNTAIN.....	-	40	1,007	986	-	-	-	-	2	-	-	30
Montana.....	-	3	29	59	-	-	-	-	-	-	-	-
Idaho.....	-	3	129	60	-	-	-	-	-	-	-	-
Wyoming.....	-	1	29	1	-	-	-	-	-	-	-	-
Colorado.....	-	11	577	374	-	-	-	-	1	-	-	-
New Mexico.....	-	2	-	156	-	-	-	-	1	-	-	15
Arizona.....	-	6	140	174	-	-	-	-	-	-	-	15
Utah.....	-	11	103	160	-	-	-	-	-	-	-	-
Nevada.....	-	3	-	2	-	-	-	-	-	-	-	-
PACIFIC.....	13	210	986	1,747	1	-	-	3	34	4	6	172
Washington.....	1	16	381	399	1	-	-	-	-	-	-	-
Oregon.....	-	11	12	16	-	-	-	-	2	-	-	1
California.....	12	173	546	1,288	-	-	-	3	29	4	6	162
Alaska.....	-	5	33	14	-	-	-	-	1	-	-	9
Hawaii.....	-	5	14	30	-	-	-	-	2	-	-	-
Puerto Rico.....	-	4	22	3	2	-	-	1	7	1	1	6

Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	5/4	5/11	5/18	5/25
NEW ENGLAND:				
Boston, Mass.	248	230	237	218
Bridgeport, Conn.	36	49	41	29
Cambridge, Mass.	25	45	27	27
Fall River, Mass.	27	26	41	18
Hartford, Conn.	57	52	45	51
Lowell, Mass.	20	30	24	16
Lynn, Mass.	38	26	27	26
New Bedford, Mass.	33	29	21	23*
New Haven, Conn.	47	36	58	41
Providence, R.I.	57	56	66	51
Somerville, Mass.	14	13	12	9
Springfield, Mass.	47	34	46	46
Waterbury, Conn.	22	28	31	24
Worcester, Mass.	45	45	48	51
MIDDLE ATLANTIC:				
Albany, N.Y.	45	50	60	35
Allentown, Pa.	43	30	41	33
Buffalo, N.Y.	158	140	143	137
Camden, N.J.	50	50	42	46
Elizabeth, N.J.	32	27	33	31
Erie, Pa.	33	31	43	44
Jersey City, N.J.	70	63	60	67
Newark, N.J.	92	77	81	136
New York City, N.Y.	1,737	1,713	1,599	1,546
Paterson, N.J.	40	43	34	43
Philadelphia, Pa.	408	486	509	427
Pittsburgh, Pa.	326	143	195	149
Reading, Pa.	54	32	35	48
Rochester, N.Y.	92	103	95	106
Schenectady, N.Y.	20	19	26	18
Scranton, Pa.	44	34	42	28
Syracuse, N.Y.	57	71	54	56
Trenton, N.J.	39	54	56	42
Utica, N.Y.	33	26	18	24
Yonkers, N.Y.	22	39	31	28
EAST NORTH CENTRAL:				
Akron, Ohio	64	75	74	53
Canton, Ohio	38	40	37	40
Chicago, Ill.	753	734	755	742
Cincinnati, Ohio	159	163	151	166
Cleveland, Ohio	200	184	191	213
Columbus, Ohio	115	113	121	128
Dayton, Ohio	62	68	71	78
Detroit, Mich.	424	320	349	356*
Evansville, Ind.	40	53	48	30
Flint, Mich.	42	53	40	49
Fort Wayne, Ind.	48	40	32	39
Gary, Ind.	22	41	21	32
Grand Rapids, Mich.	33	68	46	51
Indianapolis, Ind.	148	162	149	149
Madison, Wis.	19	35	32	35
Milwaukee, Wis.	125	150	118	123
Peoria, Ill.	28	33	27	37
Rockford, Ill.	23	35	30	32
South Bend, Ind.	51	51	45	44
Toledo, Ohio	103	98	88	97
Youngstown, Ohio	49	61	53	69
WEST NORTH CENTRAL:				
Des Moines, Iowa	63	67	58	44
Duluth, Minn.	29	35	35	21
Kansas City, Kans.	38	44	39	41
Kansas City, Mo.	125	145	121	120
Lincoln, Nebr.	24	24	40	24*
Minneapolis, Minn.	119	91	99	105
Omaha, Nebr.	74	86	73	74
St. Louis, Mo.	257	226	245	234
St. Paul, Minn.	67	73	78	72
Wichita, Kans.	37	61	56	49
SOUTH ATLANTIC:				
Atlanta, Ga.	149	117	147	140
Baltimore, Md.	261	245	263	238
Charlotte, N.C.	29	38	28	35
Jacksonville, Fla.	77	61	50	53
Miami, Fla.	73	82	58	77
Norfolk, Va.	54	45	53	40
Richmond, Va.	82	107	65	73
Savannah, Ga.	35	42	35	35
St. Petersburg, Fla.	87	59	77	68
Tampa, Fla.	91	73	61	74
Washington, D.C.	193	190	193	187
Wilmington, Del.	42	48	40	50
EAST SOUTH CENTRAL:				
Birmingham, Ala.	83	81	73	122
Chattanooga, Tenn.	40	40	41	43
Knoxville, Tenn.	53	31	39	45
Louisville, Ky.	172	69	126	106
Memphis, Tenn.	116	122	144	138
Mobile, Ala.	54	39	41	46
Montgomery, Ala.	30	31	34	28
Nashville, Tenn.	74	77	86	94
WEST SOUTH CENTRAL:				
Austin, Tex.	31	46	38	29
Baton Rouge, La.	33	31	37	33
Corpus Christi, Tex.	21	32	32	17
Dallas, Tex.	131	138	129	135
El Paso, Tex.	42	36	36	35
Fort Worth, Tex.	69	62	54	77
Houston, Tex.	206	161	132	182
Little Rock, Ark.	65	63	53	72
New Orleans, La.	152	170	168	137
Oklahoma City, Okla.	87	62	78	76
San Antonio, Tex.	89	91	93	90
Shreveport, La.	53	39	35	54
Tulsa, Okla.	44	74	54	54
MOUNTAIN:				
Albuquerque, N. Mex.	30	32	25	25
Colorado Springs, Colo.	18	20	25	17
Denver, Colo.	122	126	114	101
Ogden, Utah	18	18	20	14
Phoenix, Ariz.	77	108	89	63
Pueblo, Colo.	11	12	10	12
Salt Lake City, Utah	58	59	41	62
Tucson, Ariz.	41	46	37	48
PACIFIC:				
Berkeley, Calif.	20	19	16	19
Fresno, Calif.	51	51	47	46
Glendale, Calif.	34	36	43	41
Honolulu, Hawaii	32	38	41	37
Long Beach, Calif.	60	54	52	64
Los Angeles, Calif.	570	507	499	535
Oakland, Calif.	129	100	115	106
Pasadena, Calif.	30	31	36	36
Portland, Oreg.	118	86	132	113
Sacramento, Calif.	67	65	64	52
San Diego, Calif.	100	100	74	85
San Francisco, Calif.	192	222	185	190
San Jose, Calif.	41	44	39	39
Seattle, Wash.	148	152	123	135
Spokane, Wash.	40	53	56	54
Tacoma, Wash.	40	38	50	46
San Juan, P.R.	38	18	32	35

*Estimate - based on average percent of divisional total, Totals for previous weeks include reported corrections.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	11,093
4(B) Pneumonia-Influenza Deaths, all ages	368
4(C) Total Deaths under 1 Year of Age	764
4(D) Total Deaths, Persons 65 years and over	6,094

NOTE: All deaths by place of occurrence.

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Case 12 who had only fever and serologic evidence of infection, acquired his disease presumably from his fiancee, Case 4.

The appearance of cases among hospital contacts is more consistent with the previously observed patterns of imported smallpox in Western countries. Case 13 is a gardener at the Infectious Disease Hospital where Cases 3 and 6 were admitted as presumptive chickenpox on April 27 and May 7, respectively. He is thought to have handled laundry from these patients prior to the first suspicion of smallpox on May 12. He was initially employed by the hospital only two months previous and had not yet been vaccinated in the hospital's annual revaccination program.

Case 14 was a patient admitted to the Infectious Disease Hospital with whooping cough on April 30. She was located in the same hospital vicinity as Case 6, although there was no connection between the rooms housing these patients. Cases 15 and 16 were patients on the same hospital ward to which Case 9 was admitted on May 9. Case 9 was originally thought to have a toxic drug eruption prior to her diagnosis of smallpox on May 15.

With the exception of Case 12 who had an exceptionally mild illness, it is apparent that spread of the disease to date has been primarily among individuals vaccinated at times far distant in the past. Of the three fatalities to date, one occurred in a person never vaccinated and the other two in persons vaccinated more than 50 years prior to exposure. The absence of additional spread to hospital personnel is probably related to efforts in Sweden to emphasize revaccination of hospital personnel at frequent intervals. Notably, the last four cases have occurred in persons already identified and isolated by virtue of being known contacts.

Some 8,000 persons living in neighborhoods of the earlier cases have been vaccinated. In addition, vaccination has been provided for other residents of Stockholm on request and to date some 300,000 persons have availed themselves of this protection.

QUARANTINE MEASURES

Immunization Information for International Travel
1962 Edition
Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

CITY:	San Pedro, California
CENTER:	San Pedro Outpatient Clinic
	825 South Beacon Street
	Tel. TE 2-0213
CLINIC HOURS:	Monday-Friday, 1-3 p.m.
FEE:	No

Errotum

The credits for the report **Equine Influenzo**, MMWR, Vol. 12, No. 19, Page 157, erroneously identified Dr. James Nichols with the State of New Jersey instead of Florida. Credit for this report, in addition to those correctly designated, should have read and included:

Dr. Oscar Sussman, Chief, Bureau of Veterinary Public Health, New Jersey State Department of Health.

Dr. James Nichols, Director, Division of Veterinary Public Health, Florida State Board of Health.

Dr. Donald Dean, Assistant Laboratory Director, Division of Laboratories and Research, New York State Department of Health.

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